SYSTEM AND METHOD FOR IDENTIFYING DEFECTS
IN A COMPOSITE STRUCTURE

ABSTRACT OF THE DISCLOSURE

A system and method for identifying defects in a composite structure is provided. The system includes a camera for receiving images of the composite structure, a processor for manipulating the images and outputting a response based on the images, and a light source for illuminating the composite structure.

5   Advantageously, the light source is positioned at an oblique angle relative to the composite structure and comprises an infrared component that is differently reflected by defects in the composite structure than from portions of the composite structure that are defect free. Based on the response provided by the processor, defects that meet predetermined criteria can be identified.

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